



# The Renovator

A Pentagon Renovation Construction Newsletter



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## Terrace walkways transformed in one month

Appearances mean everything, especially when they provide a first impression. Tenants and visitors who entered the Pentagon using the lower parade field steps and the upper parade field walkways a month ago probably remember a treacherous walk over broken concrete—not a favorable impression for the world's most famous office building.

But a little renovation work has gone a long way in transforming this potential safety hazard and eyesore into a safe, practical and impressive entrance for visitors and ceremonies.

The repairs required extensive coordination and some allowances for special needs because the River Terrace walkways and stairs support a large volume of

pedestrian visitor traffic, and serve as the staging area for ceremonies and parades.

After taking into account the types of usage, the walkways were refurbished and higher traffic areas were replaced with a more durable reinforced concrete. New ramps were added on the lower parade field to facilitate the placement of the howitzer cannons used for ceremonies.

The new howitzer ramps will replace the ramp previously used in the upper parade field (that ramp is being replaced with a ramp compliant with the American with Disabilities Act).



Old Guard Sgt. Mark Anderson drives the truck that pulls one of the ceremonial howitzers up the ramp for the first time.

The contractor, Wm. D. Euille & Associates, completed the repairs in less than one month. "Euille has been a real team player in this effort by working evenings, weekends and early mornings so they would finish quickly and with minimum disruption to pedestrians," said Kevin Powell, resident engineer.

Completion of the ramp was marked by an informal "ribbon breaking" ceremony that included the contractor, the Corps and two members of the Military District of Washington's 3rd Infantry (Old Guard), who position the howitzers for ceremonies.

Old Guard Sgt. Mark Anderson broke the ribbon and successfully christened the new ramp by driving the truck that tows the howitzer onto the Terrace.



Sgt. 1st Class Chuck Hall (left) and Sgt. Mark Anderson of the Old Guard congratulate Project Engineer Susan Wong for completing the new Howitzer ramps.

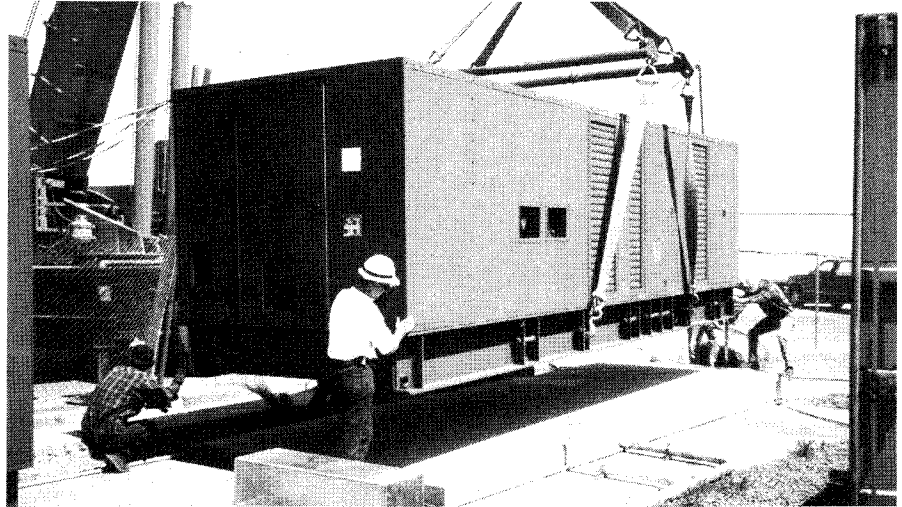
## ***New generators ensure back-up power to basement***

Maintaining a power source is critical to areas like the Pentagon's basement command centers and other computer intensive offices that perform 24-hour a day functions.

The final stage of a plan to ensure back power for all basement offices, including newly renovated space, has been completed. Two more temporary generators were added, bringing the total number of basement back-up units to four.

These four 750 kilowatt generators can provide a total of 3.0 megawatts of back-up power for the Phase I basement area and the offices that will remain operational during the next phase of renovation.

The new generators will be installed, tested and then turned over to the Federal Facilities Division for operation and maintenance.



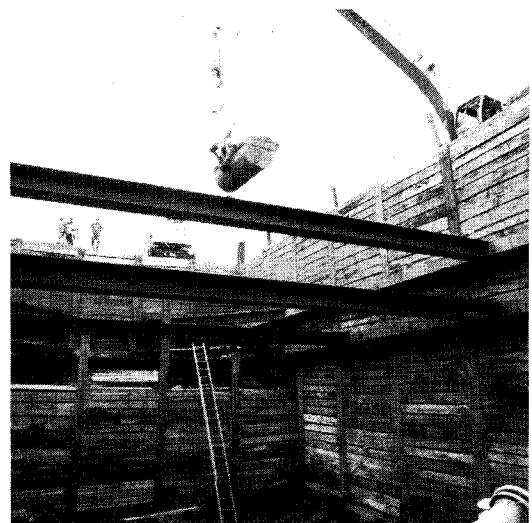
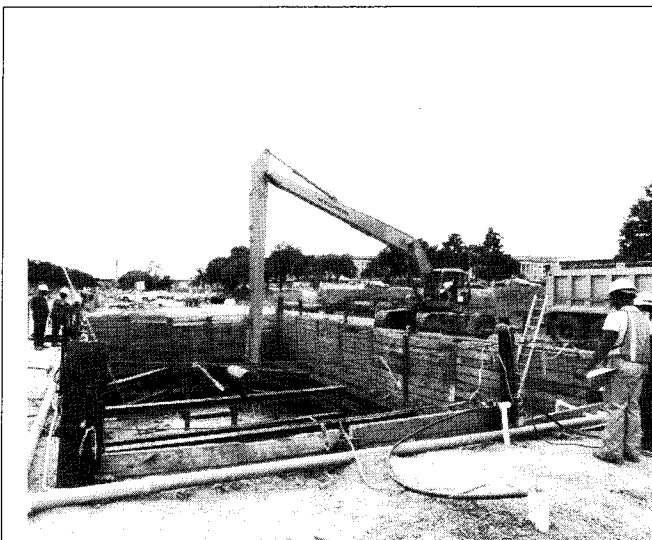
One of the two new temporary back-up generators is placed outside the former motorpool area. The addition of the two back-up generators ensures that critical basement offices will not lose power.

The back-up generators are on loan from the U.S. Army 249th Engineer Battalion (Prime Power), located at Ft. Belvoir, Va.

The temporary back-up generators, which are located outside the former motorpool area, will remain there until the

permanent back-up power facility is constructed. They will be removed and returned to Prime Power when the permanent facility is completed.

The permanent back-up power facility will be located adjacent to the new Heating and Refrigeration Plant.



### **Construction for sewage lift station continues**

A long-arm backhoe is used to excavate the area for the new sewage lift station. Current construction for the station also includes tunneling beneath Route 110, and excavation of a sanitary line connection outside the Pentagon near Corridor 7. The excavation for the sanitary line is being performed during evening hours to lessen the impact on adjacent Pentagon offices.

## Telecommunications installation begins in C2ADP

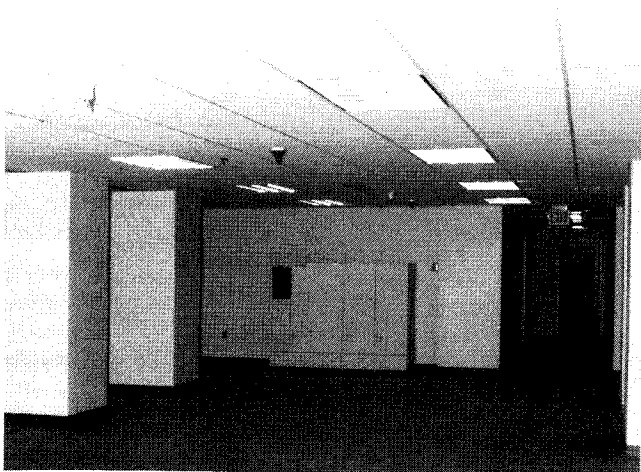
Final preparations for tenant take-over of some of the newly renovated basement office space has begun. This month, the Corps' basement office released the C2ADP facility to its Renovation counterparts, IM&T.

The release marks the end of construction in this area. IM&T will install the telecommunications systems to support the C2ADP. As IM&T completes its work, carpet and furniture installation will finish the space.

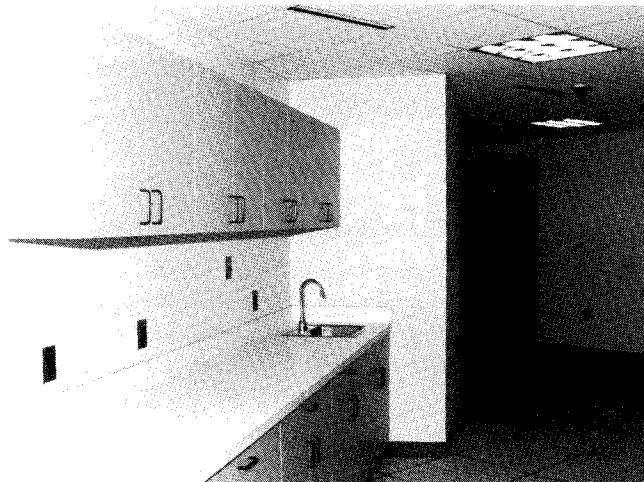
C2ADP tenants are anticipated to begin occupation later this year.



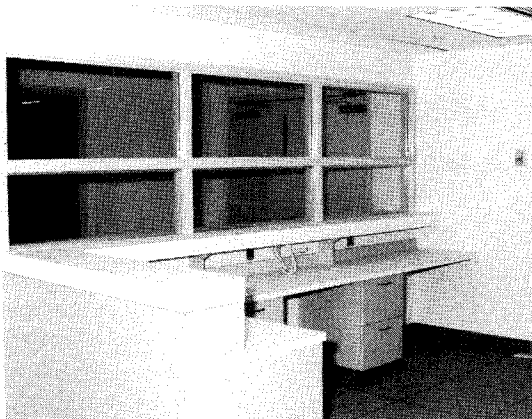
Maj. Dave Morris, Corps basement project engineer, and Cheryl Ellison, IM&T product leader for the area, mark the official turnover of the C2ADP area with a Corps-IM&T ribbon-cutting ceremony.



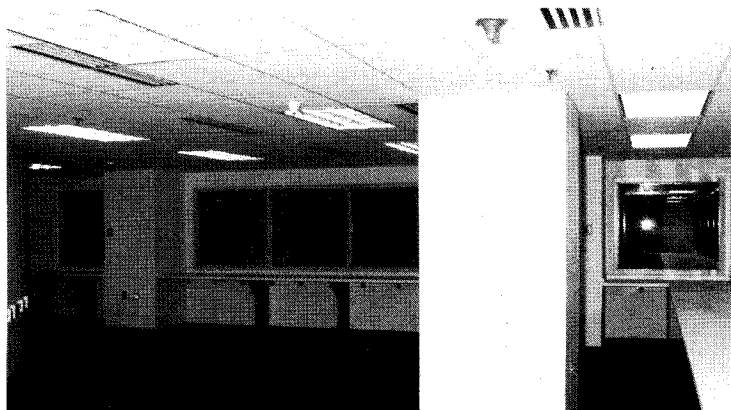
The Power Distribution Units shown will be connected by IM&T to other telecommunications systems.



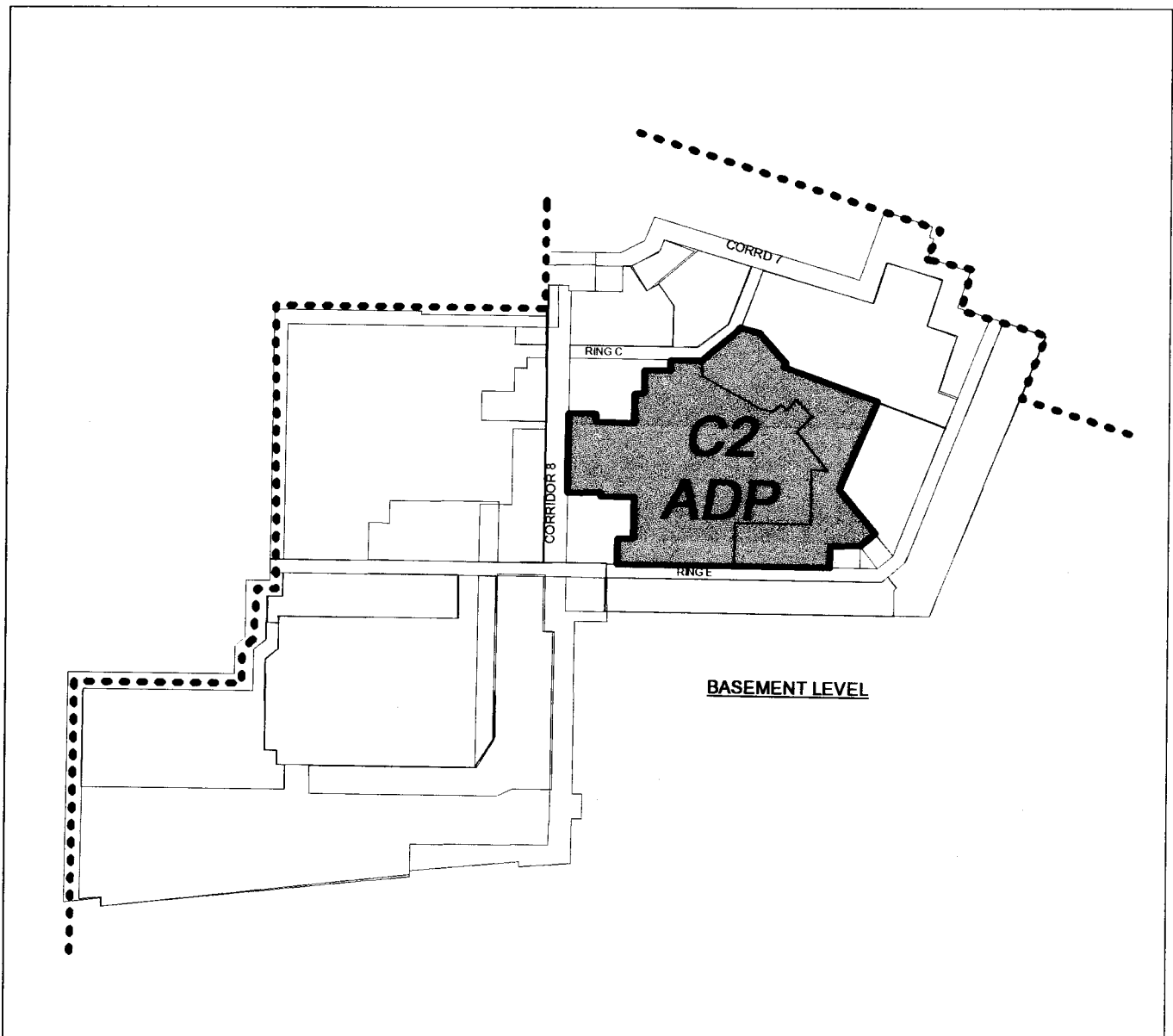
A break room within the C2ADP space.



C2ADP's customer service center.



Control room windows will allow the C2ADP occupants to view the systems that will occupy the larger facility area.



The C2ADP area, which occupies about one-fifth of the Phase I basement level, was released by the Corps to IM&T for telecommunications installation. The area is the first renovated basement space to have construction completed.

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